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ABSTRACT OF THE DISCLOSURE

A paper-like multilayer barrier film comprises a filted polypropylene layer and several unfilled layers. The filled layer contains 40-75% by wt. of inorganic fillers, forms one of the two outside layers of the film, and has a thickness of <sup>3</sup> 40 m.. The unfilled layers include a barrier layer, a sealing layer, and optionally at least one adhesive layer. The ratio of the total thickness of the unfilled layers to the thickness of the filled layer is in the range of 1:8 to 1:1.2.